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SITE REEVALUATION WORKSHEET

Site Name: Robert Wood Products
EPA ID No.: CAD982358897
TDD No.: F9-8802-044
City: Marysville, California
County: Yuba County

Site Evaluator: Adam S. Ng, ICF Technology, Incorporated
Date: July 19, 1988

POTENTIAL RELEASES

[X] Ground Water
[X] Surface Water
[ ] Air
[ ] On-site/Direct Contact

SCORING SCENARIOS		Best Case	Worst Case
GROUND-WATER ROUTE SCORE (Sgw)	=	0.00	73.08
SURFACE WATER ROUTE SCORE (Sw)	=	2.52	11.96
AIR ROUTE SCORE (Sa)	=	0.00	0.00
TOTAL SCORE (Sm)	=	1.46	42.80

NEW HRS MODEL CONSIDERATIONS

GROUND-WATER ROUTE: Increasing the potential ground-water migration route to four miles would increase the potential ground-water target population.

SURFACE WATER ROUTE: Potential threats via the recreational, human food chain, drinking water, and environmental routes exist.

AIR ROUTE: This is no file information to indicate a release or a potential release via the air route.

ON-SITE ROUTE: The site is completely enclosed by a fence and locked gate; therefore, the risk of exposure via the on-site route is minimal.

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GROUND-WATER ROUTE WORKSHEET

	Best Case	Worst Case	Ref.	Conf.
1 OBSERVED RELEASE	0	45	1	1
2 ROUTE CHARACTERISTICS				
DEPTH TO AQUIFER OF CONCERN (x2)	4		1	
NET PRECIPITATION	0		1	
PERMEABILITY OF UNSATURATED ZONE	1		2	
PHYSICAL STATE	3		1	
ROUTE CHARACT. SCORE =	8			
3 CONTAINMENT	3		1	
4 WASTE CHARACTERISTICS:				
TOXICITY/PERSISTENCE	0.00	18	3	1
HAZARDOUS WASTE QUANTITY	0.00	1	1	1
WASTE CHARACT. SCORE =	0.00	19		1
5 TARGETS:				
GROUND-WATER USE (x3)	9	9	1	K
DISTANCE TO NEAREST WELL /POPULATION SERVED	40	40	1	K
TOTAL TARGETS SCORE =	49	49		K
GROUND-WATER ROUTE SCORE =	0.00	73.08		1

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SURFACE WATER ROUTE WORKSHEET

	Best Case	Worst Case	Ref.	Conf.
1 OBSERVED RELEASE	0	45	1	1
2 ROUTE CHARACTERISTICS				
FACILITY SLOPE AND INTERVENING TERRAIN	1		1	
1-yr., 24-hr. RAINFALL	1		4	
DISTANCE TO NEAREST SURFACE WATER (x2)	2		1	
PHYSICAL STATE	3		1	
ROUTE CHARACT. SCORE =	7			
3 CONTAINMENT	3		1	
4 WASTE CHARACTERISTICS:				
TOXICITY/PERSISTENCE	9	18	3	
HAZARDOUS WASTE QUANTITY	1	1	1	
WASTE CHARACT. SCORE =	10	19		
5 TARGETS:				
SURFACE WATER USE (x3)	9	9	5	K
DISTANCE TO A SENSITIVE ENVIRONMENT (x2)	0	0	1	3
POPULATION SERVED/ DISTANCE TO DOWNSTREAM WATER INTAKE	0	0	1	2
TOTAL TARGETS SCORE =	9	9		2
SURFACE WATER ROUTE SCORE =	2.94	11.96		1

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AIR ROUTE WORK SHEET

	Best Case	Worst Case	Ref.	Conf.
1 OBSERVED RELEASE	0.00	0.00	1	3
DATE AND LOCATION:				
2 WASTE CHARACTERISTICS:				
REACTIVITY AND INCOMPATIBILITY				
TOXICITY (x3)				
HAZARDOUS WASTE QUANTITY				
WASTE CHARACT. SCORE =				
3 TARGETS:				
POPULATION WITHIN 4 MILES				
DISTANCE TO SENSITIVE ENVIRONMENT (x2)				
LAND USE				
TOTAL TARGETS SCORE =				
AIR ROUTE SCORE =	0.00	0.00		3

There is no file information to indicate a release or a potential for a release of contaminants via the air migration route.

Rationale

1. Information contained in preliminary assessment report of Roberts Wood Products, prepared by Barry Padilla, DOHS, February, 1988.

2. For best case estimates, a value of 10^{-5} to 10^{-7} cm/sec for the hydraulic conductivity is assumed.

3. Waste type is unknown. Assumed no CERCLA hazardous wastes for best case and "18" for worst case.

4. The one-year, 24-hour rainfall is 2 inches.

5. The Feather River supplies drinking water for the State Water Project which provides municipal and industrial water throughout California. The Feather River water is diverted to the State Water Project canals near Tracy, California. Tracy is located about 100 miles south of the site.

References

1. Ng, Adam, ICF FIT and Gynne Roulands, California State Water Rights. Telephone conversation, July 6, 1988.